

Guide to Contraindications and Precautions to Routine Childhood Immunizations by Condition

This Condition	Contraindicates This Vaccine	This Condition	Is a Precaution for This Vaccine
<b>Anaphylactic reaction to</b>  prior vaccine dose                      that vaccine any vaccine component              that vaccine baker's yeast                              Hepatitis B gelatin                                        MMR, Varicella neomycin                                    MMR, Varicella, IPV polymyxin B                                IPV streptomycin                                IPV (At the time of this printing the additive list for pneumococcal conjugate was not available.)		Moderate or severe acute illness	All vaccines
		Recent administration of an antibody-containing blood product (3)	MMR, Varicella
		Neurologic disorder - unstable or evolving	DTP, DTaP
		Pregnancy (recipient)	OPV, IPV1 (4)
		TB - untreated, active	Varicella (5)
		Thrombocytopenia/ thrombocytopenic purpura (now or by hx)	MMR
Encephalopathy within 7 days of previous dose of DTP/DTaP	DTP/DTaP	Any of these conditions after previous dose of DTP/DTaP:	DTP/DTaP
Immunodeficiency due to any cause including HIV:		<ul style="list-style-type: none"> <li>Fever of &gt; 40.50 C (105° F) unexplained by another cause</li> <li>Collapse or shocklike state</li> <li>Persistent, inconsolable crying lasting <math>\geq</math> 3 hours</li> </ul>	within 48 hrs of previous dose
<ul style="list-style-type: none"> <li>in recipient</li> </ul>	OPV, Varicella(2), MMR		
<ul style="list-style-type: none"> <li>in household contact</li> </ul>	OPV		
Pregnancy (recipient)	MMR, Varicella		

<p>(1) Symptomatic HIV infection (AIDS) is a contraindication to MMR and varicella vaccine. Asymptomatic HIV infection is not a contraindication to either vaccine.</p> <p>(2) Pure humoral immune deficiencies are not a contraindication to varicella vaccine</p> <p>(3) See ACIP General Recommendations Table 8 for correct spacing.</p> <p>(4) If immediate protection is needed, OPV, not IPV, is recommended.</p> <p>(5) Varicella vaccine is not recommended for people with untreated, active TB.</p>	<ul style="list-style-type: none"> <li>Seizure or convulsion</li> </ul>	within 72 hrs of previous dose
	<ul style="list-style-type: none"> <li>Guillain-Barré syndrome</li> </ul>	within 6 wks of previous dose

Live Vaccines	Inactivated Vaccines
<b>MMR</b>	<b>DTP/DTaP`</b>
Anaphylactic reaction to a vaccine or any of its components ( <i>e.g.</i> , gelatin, neomycin)	Anaphylactic reaction to a vaccine or any of its components
Immunodeficiency - in recipient(1)	Encephalopathy within 7 days of a previous dose of DTP/DTaP
Pregnancy - in recipient	<p><i>Precautions: Moderate or severe acute illness</i></p> <p><i>Underlying unstable, evolving, neurologic disorder</i></p> <p><i>Any of these conditions within the specified time after a previous dose of DTP/DTaP.</i></p> <ul style="list-style-type: none"> <li><i>Fever of &gt;40.5° C (105° F) unexplained by another cause within 48 hours</i></li> <li><i>Collapse or shocklike state within 48 hours</i></li> <li><i>Persistent, inconsolable crying lasting ≥3 hrs within 48 hours</i></li> <li><i>Seizure or convulsion within 72 hours</i></li> <li><i>Guillain-Barré syndrome within 6 weeks</i></li> </ul>
<i>Precautions: Moderate or severe acute illness</i>	
<i>Recent administration of antibody-containing blood products (2)</i>	
<i>Thrombocytopenia /thrombocytopenic purpura (now or by history)</i>	
<b>Varicella</b>	
Anaphylactic reaction to a vaccine or any of its components ( <i>e.g.</i> , gelatin, neomycin)	<ul style="list-style-type: none"> <li><i>Fever of &gt;40.5° C (105° F) unexplained by another cause within 48 hours</i></li> <li><i>Collapse or shocklike state within 48 hours</i></li> <li><i>Persistent, inconsolable crying lasting ≥3 hrs within 48 hours</i></li> <li><i>Seizure or convulsion within 72 hours</i></li> <li><i>Guillain-Barré syndrome within 6 weeks</i></li> </ul>
Immunodeficiency - in recipient (1)	
Pregnancy - in recipient	
<i>Precaution: Moderate or severe acute illness</i>	

<i>Recent administration of antibody-containing bloodproducts (2)</i>	
<b>OPV</b>	<b>Hep B</b>
Anaphylactic reaction to a vaccine or any of its components	Anaphylactic reaction to a vaccine or any of its components ( <i>e.g.</i> , baker's yeast)
Immunodeficiency due to any cause; HIV	<i>Precautions: Moderate or severe acute illness</i>
<ul style="list-style-type: none"> <li>▪ in recipient</li> <li>▪ in household contact</li> </ul>	<b>Hib</b>
<i>Precautions: Moderate or severe acute illness</i>	Anaphylactic reaction to a vaccine or any of its components
<i>Pregnancy - in recipient</i>	<i>Precaution: Moderate or severe acute illness</i>
	<b>IPV</b>
	Anaphylactic reaction to a vaccine or any of its components ( <i>e.g.</i> , neomycin streptomycin, polymyxin B)
	<i>Precautions: Moderate or severe acute illness</i>
	<i>Pregnancy - in recipient</i>
<p>(1) <i>Asymptomatic</i> HIV infection is not a contraindication to MMR or varicella vaccines. Pure humoral immune deficiencies are not a contraindication to varicella vaccine.</p> <p>(2) See the ACIP <i>General recommendations</i>, Table 8 for correct spacing.</p>	<p><b>Pneumococcal conjugate</b></p> <p>Anaphylactic reaction to a vaccine or any of its components (as of 1/00 additive lists were not available)</p> <p><i>Precaution: Moderate or severe acute illness</i></p>

From "Epidemiology and Prevention of Vaccine-Preventable Diseases," 6th edition, published by the American Academy of Pediatrics. For further information concerning contraindications, refer to the ACIP manual and vaccine package inserts.